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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/910,216      | 07/20/2001  | Sandra L. Schneider  | 10007172-1          | 2697             |

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

EBRAHIMI DEHKORDY, SAEID

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2626

DATE MAILED: 06/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/910,216

Applicant(s)

SCHNEIDER ET AL.

Examiner

Saeid Ebrahimi-dehKordy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/30/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hayward et al (U.S. patent 6,798,997) in view of Lee (U.S. patent 6,539,867)

**Regarding claim 1 and 16** Hayward et al disclose: A method comprising: determining if the new replaceable component has a particular brand name (please note column 4 lines 32-39 where the part number or serial number or manufacturer is obtained) and providing a link to a restricted web site that is restricted to users of products having the particular brand name if the new replaceable component is determined to have the particular brand name (please note column 7 lines 60-63 where the browser is launched when the indicia of the component is determined to be a certain brand which would be in the indicia) However Hayward et al don't disclose: detecting when a new replaceable component is installed into a printing device. On the other hand Lee discloses: detecting when a new replaceable component is installed into a printing device (please note column 3 lines 61-65 where the sensor is going to sense or detect whether the new part is installed in the printer). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Hayward et al's invention according to the teaching of Lee, where Lee teaches the way that the new part installed in the printer could be detected for the purpose of having it being replaced.

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**Regarding claim 2** Hayward et al disclose: The method as recited in claim 1, further comprising providing a link to an unrestricted web site that is accessible to users of products having the particular brand name and users of products not having the particular name brand (please note column 5 lines 35-38 where depending on the software and user input automatically connects the user to a part supplier, manufacture, or a consumable item vendor).

**Regarding claim 3** Hayward et al disclose: The method as recited in claim 1, wherein the determining if the new replaceable component has a particular brand name further comprises retrieving a brand identifier from component memory integrated with the new replaceable component (please note column 6 lines 29-34).

**Regarding claim 4 and 10** Hayward et al disclose: The method as recited in claim 3, wherein the component memory further comprises radio frequency identification (RFID) memory (please note column 9 lines 56-65).

**Regarding claim 5** Hayward et al disclose: The method as recited in claim 1, wherein the providing a link to a restricted web site further comprises providing a link to a restricted web site via a dedicated web browser that can only be used to access the restricted web site (please note column 6 lines 49-53).

**Regarding claim 6** Hayward et al disclose: The method as recited in claim 1, wherein: the printing device is a laser printer and the replaceable component is a laser printer toner cartridge (please note column 9 lines 38-42).

**Regarding claim 7** Hayward et al disclose: A printing device, comprising: a replaceable component (toner cartridge, column 5 lines 6-9 where the consumable replacement is

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done) means for identifying a brand name of the replaceable component (please note column 5 lines 8-9 where the indicia of the item is registered) a web browser configured to access a restricted web site that is restricted to users of replaceable components having a particular brand name (please note column 7 lines 60-67 where the browser is launched based on the component indicia which is imprinted on the component) and wherein the web browser is configured to access the restricted web site only if the brand name of the replaceable component is identified as being a replaceable component having the particular name brand (please note Fig.7 column 7 lines 60-67 and specifically lines 60-63 where the browser gets launched based on the indicia of the component other wise if the web site is not restricted then column lines 19-46 where the specific information such as the model, product and serial number have been presented and on column 6 lines 38-60 where the browser of the manufacturer's or the browser of the vendor is displayed based on the format [www.manufacturer.com/product/xxx](http://www.manufacturer.com/product/xxx)). However Hayward et al don't disclose: a detector configured to detect when the replaceable component is initially installed. On the other hand Lee discloses: a detector configured to detect when the replaceable component is initially installed (please note column 3 lines 61-65 where the sensor is going to sense or detect whether the new part is installed in the printer). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Hayward et al's invention according to the teaching of Lee, where Lee teaches the way that the new part installed in the printer could b detected for the purpose of having it being replaced.

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**Regarding claim 8** Hayward et al disclose: The printing device as recited in claim 7, wherein the web browser is a dedicated web browser that can only access the restricted web site (please note column 7 lines 60-63 where the browser is launched when the indicia of the component is determined to be a certain brand which would be in the indicia) and further comprising a general web browser that is configured to provide access to one or more unrestricted web sites to users of products not having the particular brand name (please note column lines 19-46 where the specific information such as the model, product and serial number have been presented and on column 6 lines 38-60 where the browser of the manufacturer's or the browser of the vendor is displayed based on the format www.manufacturer.com/product/xxx).

**Regarding claim 9** Hayward et al disclose: The printing device as recited in claim 7, wherein the means for identifying a name brand of a replaceable component further comprises an interrogator configured to read a brand identifier stored in component memory integrated with the replaceable component, the brand identifier uniquely identifying a brand name of the replaceable component (please note column 4 lines 20-38 and column 6 lines 30-52).

**Regarding claim 11** Hayward et al disclose: The printing device as recited in claim 7, wherein the replaceable component further comprises a laser printer toner cartridge (please note column 9 lines 38-42).

**Regarding claim 12** Hayward et al disclose: The printing device as recited in claim 7, wherein the replaceable component further comprises an ink jet printer ink cartridge (please note column 9 lines 40-42).

**Regarding claim 13** Hayward et al disclose: A printing device replaceable component (toner cartridge, column 5 lines 6-9 where the consumable replacement is done) comprising: a housing (please note column 2 lines 51-58) a toner supply (please note column 9 lines 40-42) component memory that stores a brand identifier (please note column 4 lines 46-55) However Hayward et al don't disclose: and wherein the brand identifier is verified by a printing device in which the replaceable component is installed before the printing device provides access to a restricted web site. On the other hand Lee discloses: and wherein the brand identifier is verified by a printing device in which the replaceable component is installed before the printing device provides access to a restricted web site (please note column 3 lines 61-65 where the sensor is going to sense or detect whether the new part is installed in the printer). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Hayward et al's invention according to the teaching of Lee, where Lee teaches the way that the new part installed in the printer could be detected for the purpose of having it being replaced.

**Regarding claim 14** Hayward et al disclose: The printing device replaceable component as recited in claim 13, wherein the brand identifier can be used to uniquely identify a brand name of the replaceable component (please note column 7 lines 61-63).

**Regarding claim 15** Hayward et al disclose: The printing device replaceable component as recited in claim 13, wherein the restricted website is restricted to users of printing devices that have a particular brand name (please note Fig.7 column 7 lines 60-67 and

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specifically lines 60-63 where the browser gets launched based on the indicia of the component other wise if the web site is not restricted then column lines 19-46 where the specific information such as the model, product and serial number have been presented and on column 6 lines 38-60 where the browser of the manufacturer's or the browser of the vendor is displayed based on the format [www.manufacturer.com/product/xxx](http://www.manufacturer.com/product/xxx)).

**Regarding claim 17** Yayward et al disclose: The one or more computer-readable media as recited in claim 16, further comprising computer-executable instructions that, when executed on a computer, perform the following additional step: providing access to one or more unrestricted web sites, whether or not the component is the particular brand of component (please note column 6 lines 29-34).

**Regarding claim 18** Yayward et al disclose: The one or more computer-readable media as recited in claim 16, further comprising computer-executable instructions that, when executed on a computer, perform the following additional step: identifying a universal resource locator (URL) for the restricted web site (please note column 7 lines 54-65).

**Regarding claim 19** Hayward et al disclose: The one or more computer-readable media as recited in claim 16, wherein the component is a replaceable component (please note column 5 lines 6-9).

**Regarding claim 20** Hayward et al disclose: The one or more computer-readable media as recited in claim 16, wherein the one or more computer-readable media are contained in a printer (note column 6 lines 60-63).



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**Contact Information**

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Or faxed to:**

(703) 872-9306, or (703) 308-9052 (for **formal** communications; please mark  
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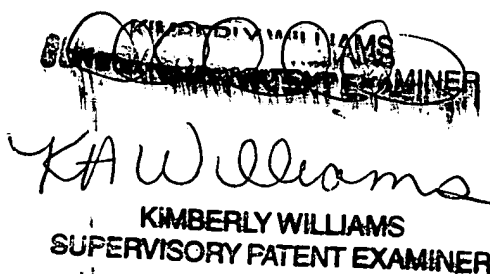
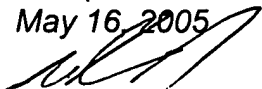
**Or:**

(703) 306-5406 (for **informal** or **draft** communications, please label  
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**Hand delivered responses** should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

*Saeid Ebrahimi-Dehkordy*  
Patent Examiner  
Group Art Unit 2626  
May 16, 2005



KIMBERLY WILLIAMS  
SUPERVISORY PATENT EXAMINER